

A New Easy to Build Table Plan

DIY Furniture Plans to Build a Round Cross Base Table

This table is the perfect plan for those new to building furniture. The DIY furniture plans to build a Round Cross Base Table feature a planked, round top mounted to a crossed base with angled legs. This plan uses straight off-the-shelf boards and can be completed in a weekend! Don't let the angles fool you – they are super-easy!

**build a
round
cross base
table**

DESIGNS BY STUDIO C



Materials:

- 2-1/2" pocket hole screws
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Tools Needed:

- Miter saw or circular saw
- Jigsaw
- Drill
- Pocket hole jig
- Sander

Lumber:

- 1 – 2×2 at 6′
- 3 – 2×4 at 8′
- 1 – 2×6 at 6′
- 1 – 2×6 at 8′

Cut List:

- 4 – 2×4 at 29-11/16″ – Legs
- 1 – 2×4 at 14″ – Upper Base Apron
- 1 – 2×4 at 18-3/8″ – Lower Base Apron
- 2 – 2×4 at 6-1/4″ – Upper Base Aprons
- 2 – 2×4 at 8-7/16″ – Lower Base Aprons
- 5 – 2×6 at 31″ – Top
- 2 – 2×2 at 31″ – Top

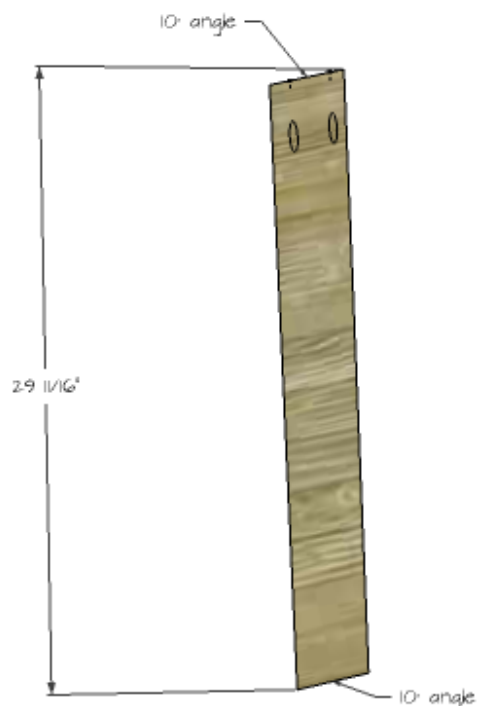


DESIGNS BY
STUDIO C

Click on the drawings for a larger view!

Step One

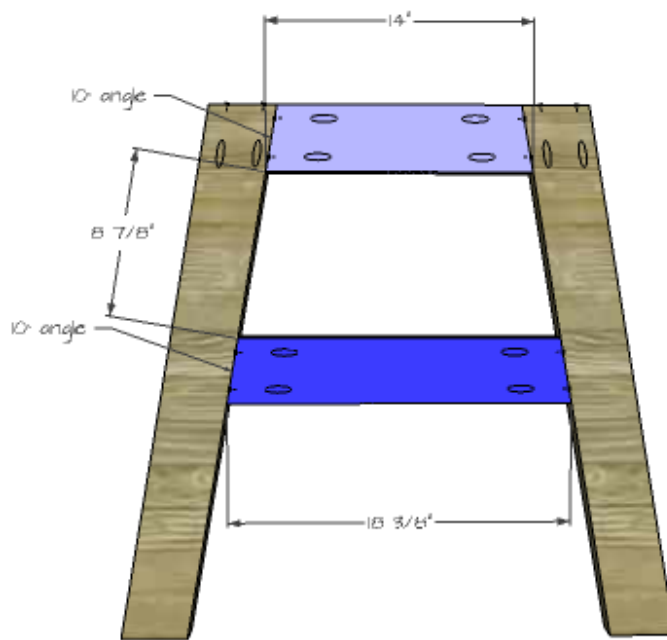
Cut the pieces for the legs. Cut a 10° angle in the top and bottom of each leg. With the pocket hole jig set for 1-1/2" material, drill pocket holes in the top end of each leg.



DESIGNS BY
STUDIO C

Step Two

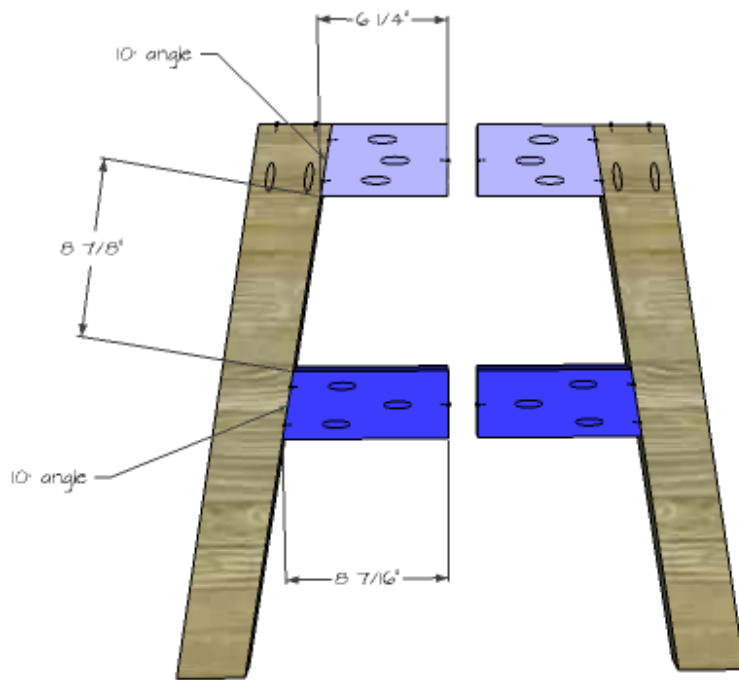
Cut the pieces for the upper and lower aprons. Drill pocket holes in each end of the longer aprons. Secure the longer aprons to two of the legs (see the drawing) using glue and 2-1/2" pocket hole screws.



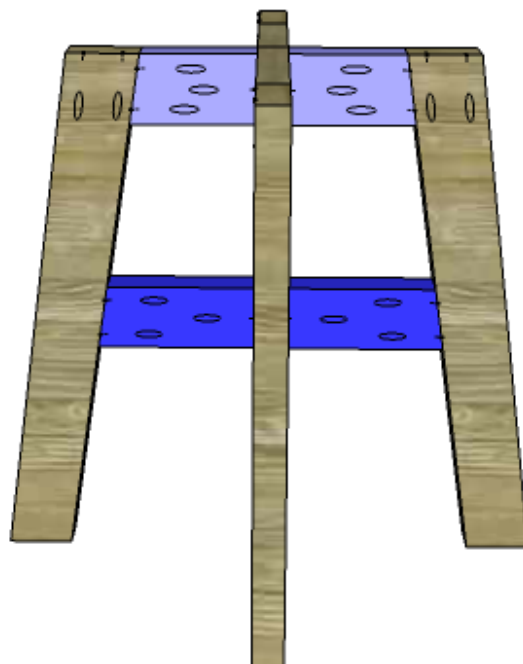
DESIGNS BY
STUDIO C

Step Three

Drill two pocket holes in the angled ends of the shorter aprons and one pocket hole in the straight end. Secure the aprons to the legs using glue and 2-1/2" pocket hole screws. Secure the shorter leg assemblies to the longer assembly using glue and 2-1/2" pocket hole screws.



DESIGNS BY
STUDIO C

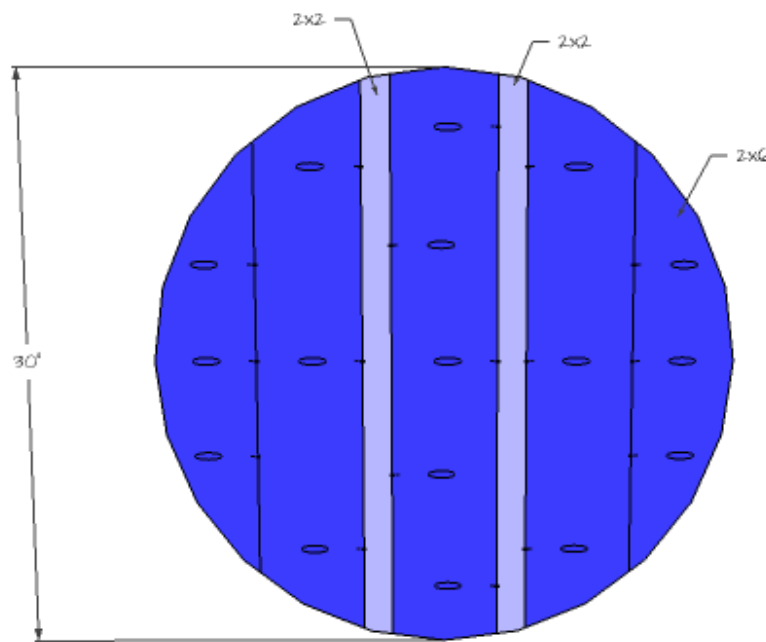


DESIGNS BY
STUDIO C

Step Four

Cut the pieces for the top. Drill pocket holes in the pieces as shown in the drawing. Assemble the pieces using glue and 2-1/2" pocket hole screws. Draw a 30" circle on the top assembly using the "old school" method with a push pin, string and a pencil, then cut the top with a jigsaw.

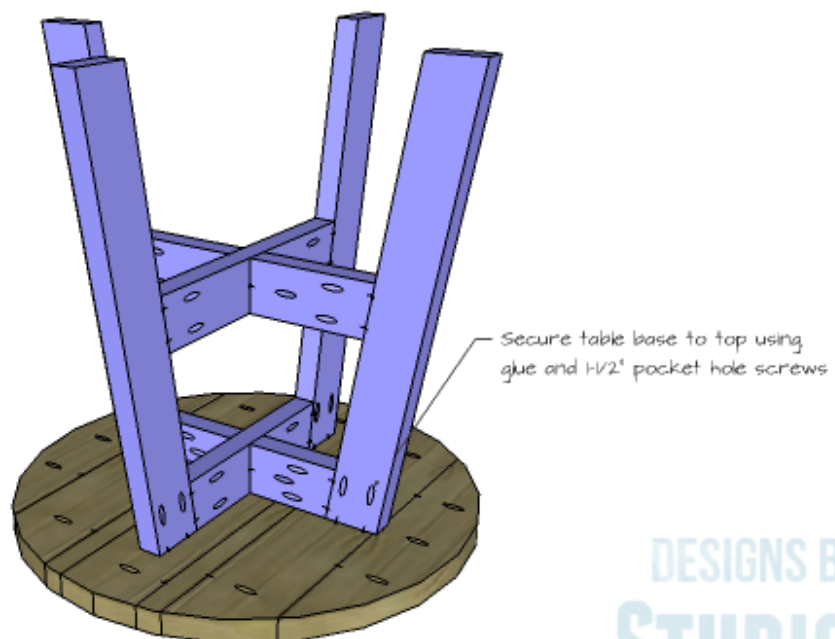
The top can also be cut [using a jig on a bandsaw](#).



DESIGNS BY
STUDIO C

Step Five

Secure the base to the underside of the top using glue and 2-1/2" pocket hole screws through the pocket holes in the top end of the legs.



DESIGNS BY
STUDIO C

Finish as desired.

This table is perfect as a taller side table, or even used in an entryway. If constructed using treated wood, it would be a great addition to an outdoor “room”! Have any questions about the DIY furniture plans to build a Round Cross Base Table? Leave a comment below!